

POP, E., acad.; BOSCAIU, N.; RATIU, Flavia; DIACONEASA, B.; TODORAN, Ariana

Effects of atmospheric precipitations on spore and pollen concentrations in aeroplankton. Studii cerc biol s. bot 16 no.5:401-406 '64.

1. Botanical Garden, "Babes-Bolyai" University, Cluj, and the Section of Plant Physiology, Rumanian Academy, Cluj Branch.

POP, Em., acad.; BOSCAIU, N.; RATIU, Flavia; DIACONEASA, B.

Correlation between recent pollen spectra and the vegetation
in the Retezat National Park. Studii cerc biol s. bot 17 no.1:
3-13 '64.

1. "Babes-Bolyai" University, Cluj. Submitted June 20, 1964.

KORDYSH, Ye.I.; LIVKE, V.A.; STRUNINA, A.V. Prinimali uchastiye: BOSANYUK,
G.P.; GOLOVANOV, E.V.; SAMOYLENKO, L.N.

Contamination of expansion gases from ammonia production by
hydrogen sulfide as a result of occurring biochemical processes.
Khim. prom. 41 no. 12:901-902 D '65 (MIRA 19:1)

BOSCHAN, I.

"Problems and tasks in growing vegetables." (p.14) UJITOK LAPJA (Orszagos Talalmanyi Hivata) Budapest. Vol. 6, no 6, Mar. 1954.

SO: EAST European Accessions List, Vol 3, No 8, Aug 1954.

BOSCHAN, I.

"Tasks in the Field of Fruit Growing." p. 13 (Ujitok Lapja. Vol. 6, no. 2,
Apr. 1954 Budapest.)

Vol. 3, no. 6

SO: Monthly List of East European Accessions./Library of Congress, June 1954, Uncl.

BOSCHAN, I.

"Grape and Fruit Harvest", P. 8. (UJITOK LARJA, Vol. 6, No. 18,
Sept. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,
No. 1, Jan. 1955, Uncl.

BOSCHAN, I.

Implanation of grape cuttings. p. 10. (UJITOK IAFJA, Budapest, Hungary), Vol. 6, No. 19, Oct. 1954.

SO: Monthly List of East European Accessions, (EEAI), LC, Vol. 4, No. 5, May 1955.

BOSCHAN, I.

New raw material for industry made of an ornamental plant. p. 11., (UJITOK LAPJA, Budapest, Hungary), Vol. 6, No. 19, Oct. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5, May 1955.

BOSCHAN, I.

Innovators' movement in East German agriculture; an interview with A. Willfahrt, director of the Exhibition Pavilion of the German Democratic Republic. p. 13., (UJITOK LAPJA, Budapest, Hungary), Vol. 6, No. 19, Oct. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5, May 1955.

BOGCHAN, I.

"Leading the Contest in Plant Production", P. 11, (G. IYOK LARCA, Vol. 6, No. 21, November 1954, Budapest, Hungary)

SC: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3, March 1955, Uncl.

BOSCHIAN, I.

"Soviet Innovations in Our Agriculture", P. 11, (UNITED LARSA, Vol. 6,
No. 21, November 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3,
March 1955, Uncl.

BOSCHAN, I.

"Exhibition of Innovators from Anshan in Peking", P. 12, (USITOM LAPJA, Vol. 6, No. 21, November 1954, Budapest, Hungary)

SC: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3, March 1955, Uncl.

BCSCHAR, I.

"Struggle to Save Electric Power in the Kaganovich Bearing Factory", p. 13,
(UJITCK LAPJA, Vol. 6, No. 21, November 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3,
March 1955, Uncl.

BCSCHAU, I.

"New Methods in the Shoe Industry", P. 13, (UJITOK LAPJA, Vol. 6,
No. 21, November 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3,
March 1955, Uncl.

BOSCHAN, I.

Protection against damage to apples. p. 14.

UJITOK LAPJA, Budapest, Vol. 7, no. 3, Feb. 1955.

SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 4, no. 10, Oct. 1955,
Uncl.

BOSCHAN, I.

Selection of grapes by the scientific method. p. 13.

Increasing the production of apple trees. p. 13.

Improvement of the technological level of our industry. p. 14.

Central realization of the innovations of light industry. p. 14.

Technological workers reduce production time. p. 14.

Winner of the challenge pennant. p. 15.

Film service in coal mining. p. 15.

UJITOK LAPJA (Orszagos Talalmanyi Hivatal) Budapest. Vol 7, no. 11, June 1955.

SOURCE: EEAL, Vol 5, no. 7, July 1956.

BOSCHAN, I.

New method for producing vine cuttings. p. 14.

UJITOK LAPJA, Vol. 7, No. 9 /May 1955

(Oszagos Talalmanyi Hivatal) Budapest

SOURCE: EAST EUROPEAN ACCESSIONS LIST Vol. 5, No. 1 September, 1956

BOSCHAN, I.

TECHNOLOGY

PERIODICAL: EPULETGEPEZSET. Vol. 4, no. 6, 1955

Boschan, I. Some building mechanical problems related to the construction of stables;
also, remarks by L. Egyedi and others. p. 131

Monthly list of East European Accessions (KEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

BOSCHAN, I.

Conference on problems of ventilation, p. 98, EPULETGEPEXZET,
(Epitoipari Tudomanyos Egyesulet) Budapest, Vol. 5, No. 4, 1956

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 5, No. 11, November 1956

BOSCHAN, I.

Our future tasks. p. 121

EPULETGEPESET, Vol. 4, No. 4, 1955

(Epitoipari Tudományos Egyesület) Budapest

SOURCE: East European Accessions List Vol. 5, No. 1 September, 1956

FOSCHAN, I.

"Parts, 1957"; report on the Conference of the International Union of the Associations of Heating and Ventilation.

P. 41 (EPULITGEFESZET) Budapest, Hungary Vol. 6, No. 2/3, 1957.

SO: Monthly Index of East European Accessions (AEEI) Vol. 6, No. 11 November 1957.

BOGCHAN, I.

PROBLEMS OF DUST REMOVAL FROM INDUSTRIAL BUILDINGS ALSO, REMAIRS BY HENRIK FRANK.

p 428 (MAGYAR ENERGIAGAZDASAG) BUDAPEST, HUNGARY VOL. 9 NO 11/12 NOV/DEC 1957

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (AEEI) VOL. 6 NO 11 NOVEMBER 1957

BOSCHAN, Istvan; MAROSAN, Ede

Society news. *Epuletgepeszet* 11 no.4:156 S '62.

1. "*Epuletgepeszet*" szerkeszto bizottsagi tagja (for Boschan).

CZECHOSLOVAKIA / Virology--Viruses of Man and Animal E
Viruses of Transmission Infections

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 94861

Author : Nedvidek, Jiri, Boschetty, Viktor, Harudova, Ludmila

Inst : Not given

Title : Epidemiology and Clinical Findings of Tick En-
cephalitis in One Natural Focus in the Area of
Moravska-Ostrava

Orig Pub: Ceskosl. epidemiol., mikrobiol., immunobiol.,
1958, 7, No 1, 9-14

Abstract: No abstract.

Card 1/1

L 01805-67 EWT(m)/T DJ

ACC NR: AP6030592 (A/V) SOURCE CODE: UR/0413/66/000/016/0074/0074

INVENTOR: Garzanov, G. Ye.; Petyakina, Ye. I.; Bagryantseva, P. P.;
Shames, F. Ya.; Ravikovich, A. M.; Boshchievskiy, S. B.; Maloletkov, Ye. K.;
Selivanchik, Ya. V.; Gusman, M. Ye.; Skvirskiy, P. A.; Aver'yanov, V. A.;
Uzunkoyan, P. N.; Pisarchik, A. N.; Mikhaylov, Yu. A.; Belogradskiy, A. P.;
Bayevskiy, F. S.; Fomin, N. I.

ORG: none

TITLE: Method of obtaining a hydraulic lubricant. Class 23, No. 185000.
[Announced by the Scientific Research Institute for Organization, Mechanization,
and Technical Assistance to Construction (Nauchno-issledovatel'skiy institut
organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 16, 1966,
74

TOPIC TAGS: lubricant, lubricant additive, antioxidant additive, polymethacrylate,
hydraulic lubricant

ABSTRACT: An Author Certificate has been issued for a method of obtaining a
hydraulic lubricant by means of additives with an oil base. To expand the operat-

L 01805-67

ACC NR: AP6030592

ing temperature range of oil a mixture of commerical oil and diesel-oil residue are taken as the oil base to which a multifunctional additive is added, such as EFO, an antioxidant agent, such as octadecylamine, and a depressing agent, such as a polymethacrylate. [Translation] [NT]

SUB CODE: 11/ SUBM DATE: 25May65/.

Card 2/2 *fdh*

YUGOSLAVIA

BOŠCHI, Srdin, Department of Roentgenology of General Hospital (Rendgenski zavod Opća bolnica), Split

"Pyelography with Infusion of the Contrast Medium"

Zagreb, Lijecnicki Vjesnik, Vol 38, No 8, August 1966; pp 941-946

Abstract [German summary modified]: Intravenous pyelography with 30 cc of 60% Urogräfin infused within 30 minutes; excellent results in unspecified number of patients in whom normal or retrograde pyelography had little chance of success and had previously failed to produce good pictures. Compression and 5 roentgenograms taken 35 to 180 minutes after end of infusion, no side effects. Three case reports, 7 roentgenograms; 4 Western references. Manuscript received 14 Dec 65.

1/1

BOSCHKOV, D. [Boshkov, D.]

Haematoloechus mazurmovici nov. sp. (Trematoda, Plagiorchiidae)
in the lungs of *Bombina variegata* L. in Bulgaria. Doklady
BAN. 17 no.7:649-650. '64.

1. Vorgelegt von A. Valkanov, korr. Mitglied der Akademie.

BOSCHKOV, D., DOKOV, V.

Effect of lizard egg yolk on the development of chick embryo.
Dokl. Bolg. akad. nauk 15 no.2:191-194 '62.

1. Vorgelegt von G. Paspaleff, korr. Mitglied.
(EMBRYO) (EGG YOLK)

CZECHOSLOVAKIA

PASPALEFF, G.; BOSCHKOW, D.; DOKOV, V.K.; TCHACAROF, E.; Academy of Sciences, Sofia / Original Bulgarian Description of the Academy not given /.

"Batracobdella Algira (Moquin - Tandon) 1846 (Hirudinea Glossiphonidae) - Carrier of an Infectious Diseases of Bulgarian Frogs."

Bratislava, Biologia, Vol 18, No 10, 1963, pp 781 - 786

Abstract: The described disease occurs in parts of Southern Bulgaria and was described in 2 previous articles by the authors. The disease was observed on Rana ridibunda, R. dalmatina and Bombina variegata. It is transferred from one frog to another by leeches Batracobdella algira. The organism that causes the disease has a granulomatic character.
8 Figures, 1 Czech, 3 Bulgarian, 1 Polish, 1 German, 3 Russian references.

BOSCHKOW, D.

Haematoloechus odeningi n. sp. (Trematoda, Plagiorchiidae)
from the lung of *Rana ridibunda* Pall. in Bulgaria. Dokl.
Bolg. akad. nauk 17 no.1:187-189 '64

1. Vorgelegt von G.Paspaleff, korr. Mitglied der Akademie.

BOSCHKOW, D. [Boshkov, D.]

Haematoloechus odeningi nov. sp. (Trematoda, Plagiorchiidae)
in the lungs of *Rana ridibunda* Pall. in Bulgaria. Doklady
BAN 17 n.2:187-189 '64.

1. Submitted By G.Paspaleff [Paspalev, G.], Corresponding
Member of the Bulgarian Academy of Sciences.

HUNGARY/Chemical Technology - Chemical Products and Their
Application. Food Industry.

II.

Abs Jour : Ref Zhur - Khimiya, No 10, 1959, 36829

Author : Bosco, J.

Inst : -

Title : The Application of Ascorbic Acid in the Production of
Sausages.

Orig Pub : Elelm. ipar, 1958, 12, No 4, 119-124.

Abstract : Ascorbic acid and its ascorbate are added to ground meat
in the preparation of boiled and smoked sausages for ac-
celerating the process of maturity, for the improvement
of color, taste and odor. It is desirable to season the
meat emulsion at a low temperature for several hours or
during night before mixing with lard and extrusion.
More than 26% of the added vitamin is preserved in the
freshly prepared product. -- From the authors' resume.

Card 1/1

ROSEK, B.

Determination of the most favorable relation of partial pressures for k-grade
compression. p. 47.
(APLIKACE MATEMATIKY, Vol. 2, no. 1, 1957, Praha, Czechoslovakia.)

SG: Monthly List of East European Accessions (ZEAL) IC, Vol. 6, no. 12, 1957, December, Incl.

BOSEK, Bruno, doc., inz.

"Basic problems of automation" by Auerhan, Balda, Drab, Riha.
Reviewed by Bruno Bosek. El tech obzor 52 no.12:
688-689 D '63.

VANECK, Frantisek; KRAL, Vaclav; BOSEK, Josef; UHLIR, Josef

Our Experience with CT sand. Slevarenstvi 9 no.12:472-475 D '61.

1. Zavody V.I.Lenina, Plzen.

BOSEK, Marek, ins.

The L. Warynski Electrotechnical Porcelain Factory in
Boguchwala. Przegl mech 20 no.19/20:617-618 '61.

1. Zakłady Porcelany im. L. Warynskiego w Boguchwale.

Bosenko, I.I.

BOSENKO, I.I.; RIVNYI, B.S.

~~Experience in the operation of carbonating towers. Khim.prom.~~

no.5:309 JI-Ag '57.

(MIRA 10:12)

(Soda industry)

BOSENKO, Kh.

Every minute calculated. Sov.profsoiuzy 4 no.10:25-26 0 '56.

(MLRA 9:11)

(Locomotives)

RABINOVICH, R.I. Prinimali uchastiye: ALEGLAN, L.K., kand. sel'khoz. nauk;
 BARABANOVA, N.N.; BOSENKO, K.S.; VINNIK, V.V.; GRIGORCHUK, Ye.V.;
 GUMEROV, A.Kh.; DOBROCHASOV, D.F.; ZAMURAYEV, I.V.; ZAYTSEVA, A.G.,
 kand. sel'khoz. nauk; KOL'TSOV, N.A.; LEVITIN, Kh.Z., kand. biol.
 nauk; LISITSKIY, B.Ya.; MATYASH, G.P.; MENTOV, A.V.; RABINOVICH, R.I.;
 SAL'NIKOV, V.V.; SVACHNIKOV, I.V.; SIMONOV, P.K.; SMIRNOV, V.V.;
 SMIRNOV, L.P.; SMIRNOVA, V.I.; STEPANOVA, V.I.; TARASOV, A.A.; FILA-
 TOVICH, V.V., kand. sel'khoz. nauk; FEDOROV, N.G., kand. tekhn. nauk;
 TSAPLIN, M.F.; KHROMOV, L.V.; DAVYDOVA, I., red.; PAL'MINA, N., tekhn.
 red.

[Sverdlovsk in Agricultural Exhibition of 1959] Sverdlovskaya sel'-
 khoziaistvennaya vystavka. Sverdlovsk, Sverdlovskoe knizhnoe izd-vo,
 1960. 131 p. (MIRA 14:10)

1. Sverdlovsk. Sverdlovskaya oblastnaya sel'skokhozyaystvennaya
 vystavka, 1959.

(Sverdlovsk—Agricultural exhibitions)

BOSENKO, N.

Favorable symptoms. Isobr.i rats. no.8:38-39 Ag '60.
(MIRA 13:7)

1. Zamestitel' nachal'nika krayevogo upravleniya sel'skogo
khozaystva, g.Stavropol'.
(Stavropol Territory—Agriculture—Technological innovations)

ROSENKO, N.A.; OSTROVSKIY, I.I.

Professor Samuil Akimovich Vinnik; on his sixtieth birthday.
Vest.otorin. 22 no.3:116 My-Je '60. (MIRA 13:10)
(VINNIK, SAMUIL AKIMOVICH, 1900)

BOSENKO, V. G., Cand Tech Sci -- (diss) "Analysis of ~~the~~ conditions ^{for the}
^{along the} transmission of control signals through high frequency ~~connecting~~ ATS-47/
connecting line." Mos, 1958. 7 11 pp (Min of Communications USSR, Mos
Electrical Engineering Inst of Communications), 130 copies (KL, 17-58, 107)

-31-

BOSENKO, V.G.

AUTHOR: Bosenko, V.G.

106-58-3-5/19

TITLE: Use of High-frequency Channels in Urban Telephone Systems
(Osobennosti ispol'zovaniya vysokochastotnykh kanalov na
gorodskikh telefonnykh setyakh)

PERIODICAL: Elektrosvyaz', 1958, Nr 3, pp 41 -- 48 (USSR)

ABSTRACT: Some features of utilisation of high-frequency channels for junctions in a town telephone network (large automatic area) are discussed. The basic initial technical conditions, which must be studied before the introduction of such a system, are produced. The necessity and exploitation of high-frequency channels on junctions with nominal attenuation of 0.4 nepers is demonstrated. The calculations show that the necessary stability is achieved and frequency distortion arising from the feedback circuits will not exceed the permissible values even in connections containing 3 -- 4 high-frequency stages. Thus, high-frequency channels can be used as subscriber and inter-exchange junctions and also for trunk-working between towns. The latter case, however, demands special examination. There are 6 figures and 3 Soviet references.

SUBMITTED: May 21, 1957

Card 1/1 1. Telephone communication systems 2. High frequency communication systems-Mathematical analysis

1
BOSENKO, V.G.; MAKSIMOV, G.Z.

Noncontact connecting line unit for KRR-30/60 multiplexing
apparatus. Elektrosviaz' 15 no.2:70-73 P '61. (MIRA 14:3)
(Telephone, Automatic--Equipment and supplies)

9/106/63/000/001/006/007
A055/A126

9/43/6

AUTHORS: Bosenko, V.G., Sutorikhin, N.B., Maksimov, G.Z.

TITLE: Analysis of the operation of the transistorized key with active-inductive load

PERIODICAL: Elektrosvyaz', no. 1, 1963, 64 - 68

TEXT: This article deals essentially with the experimental investigation of the reliability of the operation of transistors operating in circuits containing electromagnetic devices, such as relays, electromagnets of crossbar connectors, etc. Transistor triodes in common-emitter arrangement are considered. To confirm that these triodes can be considered as ideal switches ensuring an instantaneous closing of the circuit, oscillograms of transient processes in systems containing a relay in the transistor-key circuit were recorded. These oscillograms show that the parameters of the transistor triode exert a certain influence on transient processes only when the relay is released and the current in the relay windings drops. The authors examine therefore the process occurring when the relay is switched off by the transistor. They also deduce a formula for

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Analysis of the operation of the transistorized

S/106/63/000/001/006/007
A055/A126

the power dissipated on the collector of the triode with an active-inductive (RL) load. They apply this formula to the П26 А (P26A) triode controlling a pulse-relay of the ППН (RPN) type, and find that the dissipated power does not exceed the permissible value, which is confirmed experimentally. Conclusions: 1) Over-voltages occurring on the collector junction at the switching off of the triode are not dangerous for the triode; apparently, they do not affect the reliability of its operation. 2) The operation of triodes with active-inductive load in switching range will be reliable, provided the power dissipated on the collector does not exceed the permissible limits. 3) Low-power triodes (such as the P26 and P26A-types) can ensure a reliable control of the operation of a number of electromagnetic devices. There are 6 figures and 1 table.

SUBMITTED: March 10, 1962

Card 2/2

BOSENKO, V.G.; MAKSIMOV, G.Z., ispolnyayushchiy obyazannosti dotsenta;
SUTORIKHIN, N.B.

Electronic-mechanical system for matching KRR-30/60 apparatus
with the equipment of an automatic telephone exchange. Vest.
svyazi 23 no.6:10-11 Je '63. (MIRA 16:8)

1. Proroktor Novosibirskogo elektrotekhnicheskogo instituta
svyazi (for Bosenko).

L 46229-66 EWT(d)/EWP(1) IJP(c) BB/GG

ACC NR: AR6004345

SOURCE CODE: UR/0274/65/000/009/V018/V018

AUTHOR: Bosenko, V. G.; Maksimov, G. Z.

REF SOURCE: Tr. uchebn. in-tov svyazi. M-vo svyazi SSSR, vyp. 23, 1964, 120-128

TITLE: Design of a semiconductor flip flop based on prescribed time parameters

SOURCE: Ref. zh. Radiotekhnika i elektrosvyaz', Abs. 9V125

TOPIC TAGS: flip flop circuit, transistorized circuit

TRANSLATION: Procedures for the calculation and selection of components for a semiconductor flip flop are considered for prescribed time and loading parameters of the output signal. The required type of semiconductor flip flop for a prescribed rise time is defined. Based upon the loading parameters, a test is made of a given transistor according to the power dissipated in the collector. This power must be less than the power dissipation rating of the transistor. The results of the experimental accuracy of the proposed method are cited. The experimental study was conducted using an oscilloscope for measuring the transients of the flip flop. 3 figures, 1 table, 4 references.

SUB CODE: 09/

SUBM DATE: none

UDC: 621.395.345

Card 1/1 mjs

BOSEV, N.[Boshev, N.]; NIKOLOVA, A.; KAVRIKOVA, K.

On the mechanism of the phagocytic reaction of white blood corpuscles.
Studii cerc fisiol 6 no.2:237-243 '61.

1. Institutul de medicina superioara "I. P. Pavlov", Plovdiv, R.P.
Bulgaria.

(PHAGOCYTES) (LEUCOCYTES) (NERVOUS SYSTEM, SYMPATHETIC)

BOSH, R.K.

Modification of thoracoplasty when there are tubercular caverns in the upper
pulmonary lobe. Khirurgiia no.10:10-13 0 '53. (MIRA 6:11)
(Chest--Surgery) (Tuberculosis)

BOSH, R.K. (Chkalovsk).

Technique of puncture of the pleural cavity. Sov.med. 17 no.9:34-35 S '53.
(MLRA 6:9)

(Pleura) (Empyema)

BOSH, R. K. (g. Chkalov)

Surgical treatment of chronic tuberculous pleural empyemas.
Khirurgia. no.12:54-61 D '55 (MLRA 8:4)

(TUBERCULOSIS, PULMONARY, complications,
pleural empyema)

BOSHAJEV, K.

We shall fulfill our obligation. Radio no.9:5-6 S '60.

(MIRA 13:10)

1. Predsedatel' Respublikanskogo komiteta Dobrovol'nogo obshchestva
sodeystviya armii aviatsii i flotu Kazakskoy SSR.

(Radio operators)

(Kazakhstan—Radio)

BOGHAYEV, Ya. B.

20923 Boshayev, Ya. B. K Voprosu o fiziologii razmnozheniya verblyuda.
Izvestiya Akad. nauk Kazakh. SSR, No. 61, Seriya biol., Vyp. 4, 1949, s. 3-14. -
Rezyume NA Kazakh. yaz.-Bibliogr: 9 nazv.

SO: LETOPIS ZHURNAL STATEY - Vol. 28, Moskva, 1949

BOSCHARNIKOV, V., inzh.; KSHEMINSKIY, A., inzh.

Organizing transportation and dispatch work. Avt. transp. 42 no.9:
15-17 S '64. (MIRA 17:11)

1. Ministerstvo avtotransporta i shosseynykh dorog RSFSR.

L 62599-65 EWP(z)/EWT(m)/EWP(b)/EWA(d)/EWP(t) Pad IJP(c) HJW/JD/

ACCESSION NR: AP5018179 HW/JG

UR/0148/65/000/007/0145/0149

669.15-194:669, 2624, 66.046, 51:620, 193.91

AUTHOR: Kontorovich, I. Ye., Boshedchenko, B. M., Buntushkin, V. P.

35
33

TITLE: Effect of alloying elements on the aging of a Kh15N85 solid solution

B

SOURCE: IVUZ. Chernaya metallurgiya, no. 7, 1965, 145-149

TOPIC TAGS: nickel alloy, chromium alloy, aluminum, titanium, molybdenum, tungsten, cobalt, alloy hardening, alloy structure, alloy aging/Kh15N85 alloy

ABSTRACT: The effect of Al, Ti, Mo, W, and Co on the change in the structure and properties of the high-purity nickel-chromium solid solution Kh15N85 was investigated. Twenty alloys of Kh15N85 containing one of the following elements: 0.95-6.7% Ti, 0.95-2.0% Al, 2.45-9.30% Co, 2.05-14.60% Mo, or 1.90-9.05% W were prepared by sintering the corresponding metal powders, and were studied immediately after sintering, after quenching from 1080C in air, and after aging at 680C for various periods of time. Metallographic and x-ray methods were used, and the density, electrical resistivity, and microhardness of the various phases, as well as the macrohardness of the alloys, were determined. The data obtained for the changes in structure and properties lead the authors to certain conclusions concerning the mechanism of the hardening process during quenching

Card 1/2

L 62599-65

ACCESSION NR: AP5018179

2

and aging of the alloys. The presence of molybdenum and tungsten in complex alloys decreases the diffusion rate of other elements and increases the strength of the interatomic bonds in the lattice of the solid solution. As a result, the presence of these two elements increases the capacity of the alloys for aging at high temperatures and after holding for long periods. The increased strength of the interatomic bonds improves the heat resistance of the alloys and their resistance to deformation and failure at high temperatures. Cobalt has no effect on the structure and properties of the alloys because its atomic structure is very close to that of nickel. Orig. art. has: 5 figures.

ASSOCIATION: Moskovskiy vecherniy metallurgicheskiy institut (Moscow Evening Metallurgical Institute)

SUBMITTED: 13Mar64

ENCL: 00

SUB CODE: MM

NO REF SOV: 006

OTHER: 000

Card

2/2

ARKADAKSIY, Yu.A.; BAKASHEVA, L.I.; ZHMYKHOV, I.N.; VOYTENKO, Ye.S.;
BOSHCHENKOV, K.P.; ILYAKHIN, M.I.; KOROL'KOV, V.A.; KRATNOV, P.A.;
LOBANOV, V.I.; MAMEDOV, A.; MARZBAN BAKIK; RODIONOV, S.R.; ROSTOVSKIY,
S.N.; SAKOVICH, V.P.; PIMENOV, P.T.; ZHELEZNOVA, L.M., red.; ZABOROV,
M.A., red.; RAKOV, S.I., tekhn.red.

[History of the trade-union movement in foreign countries, 1939-1957]
Istoriia profdvizheniia za rubeshom; 1939-1957 gody. Izd-vo VTsSPS
Profizdat, No.3. 1958. 669 p. (MIRA 12:2)

1. Moscow. Moskovskaya vysshaya shkola profdvizheniya..2. Kafedra
istorii profsoyuznogo dvizheniya za rubeshom Moskovskoy vysshey
shkoly profdvizheniya(for all except Zheleznova, Zaborov, Rakov).
(Trade unions)

BORKHSENIUS, N.S.; BOSHCHIK, T.N.

New species of oyster-shell scale insect (Homoptera, Coccoidea)
from Turkmenia. Trudy Zool. inst. 18:304-307 '55. (MLRA 9:2)
(Turkmenistan--Scale insects)

Boshenyatov, S.G.

KALACHEV, Grigoriy Semenovich; BOSHENYATOV, S.G., red.; MOROZOVA, P.B.,
red.izd-va; PUKHLIKOVA, N.A., tekhn.red.

[Indices of maneuverability, controllability and stability of
airplanes] Pokazateli manevrennosti, upravliaemosti i ustoičivo-
sti samoletov. Moskva, Gos. izd-vo obor. promyshl, 1958. 126 p.
(Airplanes) (MIRA 11:3)

BOSHEV, IV.

"Elektrozhenno toplo i studeno zavariavane na chuguna. (Sofiya) Nauka i izkustvo (1952) 144 p. (The electrooxyacetylene hot and cold welding of cast iron. Illus.)"

SO: East European, L. C. Vol. 2, No. 12, Dec. 1953

BOSHEV, I.

Electric welding and its utilization for restoring the bronze bearings of locomotives.
p. 64.

TRANSPORTNO DELO. Vol. 8, no. 2, 1956

Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957

BOSHEV, Ivan, inzh.

Shop repairs of rolling stock. Zhel.dor.transp. 42 no.9:
25-28 S '60. (MIRA 13:9)

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(Bulgaria--Railroads--Repair shops)

Boshev, N.

EXCERPTA MEDICA Sec.2 Vol.9/10 Physiology, etc. Oct56

4865. BOSHEV N. and POLNAREV B. Dept. of Physiol., Pavlov Med. Acad., Plovdiv. *Effect of procaine on reflex excitability of the CNS (Russian text) AN, ACAD. MED. PAVLOV. (Mosc.) 1951-1952, 6 (1-6) Graphs 4 Illus. 1

Parenteral administration of procaine to frogs causes changes in the contraction of skeletal muscle to electrical stimulation. Small doses increase the contraction and higher doses have a biphasic effect, the sensitization being followed by an inhibition of the reaction. 0.01 g. of procaine s.c. causes anaesthesia in frogs.

Raškova - Prague

BOSHEV, N.; IANKOV, N.

Dirofilariasis in Bulgaria. Suvrem. med., Sofia 7 no.5:
97-98 1956.

1. (Vremenno zav.: prof. L. Telcharov) i Instituta po biologiya
pri VMI I P Pavlov--Plovdiv. (zav.: prof. Zh. Lambrev).
(FILARIASIS, epidemiology.
dirofilariasis in bulgaria (Bul))

BOSHEV, N.

"Effect of Rimifon, an isonicotinic acid hydrazide, upon conditional reflexes."

IZVESTIYA. SERIYA EKSPERIMENTALNA BIOLOGIYA I MEDITSINA, Sofia, Bulgaria,
No. 1, 1957.

Monthly List of East European Accessions Index (EEAI), The Library of
Congress, Volume 8, No. 8, August 1959.

Unclassified

BOSHEV, STEFAN D.

Boshev, Stefan D. Kratuk kurs po geologia s geomorfologia, za studentite ot geodezicheskiia fakultet. (Sofiya) Nauka i izkustvo! 1951) 152 p. (Universitetska literatura) (A short course of geology and geomorphology; a textbook)

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, L. C., VOL. 3, NO. 1, Jan. 1954, Uncl.

BOSHEV, S. D.

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Vol. 3, no. 1/2, 1955/56 (published 1957).

Boshev, S.; Stoianova, M. ; Moev, N. Geology of the northern half of the Razlog valley. p. 41.

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 1.
Jan. 1959.

POSHEV, S.D.

"Geology of the southern slopes of the Balkan Mountains between the cities of Vazovgrad and Klisura."

GODISHNIK: Vol. 4, N o. 1, 1956/57; Sofia, Bulgaria

Monthly list of EAST EUROPEAN ACCESSIONS INDEX (EEAI), Library of Congress,
Vol. 8, No. 8, August, 1959

Unclassified

D.
BOSHEV, S., and others

"Geology of part of Nikopol and Svishtov Okolias."

GODISHNIK: Vol. 4, No. 2, 1956/57; Sofia, Bulgaria

Monthly list of EAST EUROPEAN ACCESSIONS INDEX (EEAI), Library of Congress,
Vol. 8, No. 8, August, 1959

Unclassified

BOSHEV, St., prof.

Geology of the region north of Pazardzhik. Godishnik Min
geol inst 7:1-7 '60/'61 [publ. '62].

1. Chlen na Redaktsionnata kolegiia, "Godishnik na Minno-
geolozhkiia institut."

KUZIN, I.A.; TAUSHKANOV, V.P.; BOSHINA, B.

Sorption of metals by the SKT activated carbon from acetate solutions. Zhur.prikl.khim. 36 no.3:604-608 My '63.

(MIRA 16:5)

(Metals)

(Carbon, Activated)

USSR/Human and Animal Physiology (Normal and Pathological).
Internal Secretion. Thyroid Gland. T

Abs Jour: Ref Zhur-Biol., No 17, 1958, 79740.

Author : Milku, Shtefan; Lupulesku, A.; Negoyesku, I.;
Boshinesku, Al; Koku, F.L.

Inst :

Title : Change of Absorption of Radioactive Iodine (I^{131})
Under the Influence of Thyrotropic Hormone and Methyl-
thiouracil in Animals Subjected to Iodine Starvation.

Orig Pub: Zh. med. nauk, Akad. RNR, 1956, 1, No 2, 49-60.

Abstract: For 3 months, adult rats (80) got a ration with a low
I content (rats with a weight of 100 g obtained 0.66 μ
I a day). The weight of the thyroid gland (TG) in-
creased almost twice; microfollicular hyperplasia

Card : 1/3

USSR/Human and Animal Physiology (Normal and Pathological).
Internal Secretion. Thyroid Gland. T

Abs Jour: Ref Zhur-Biol., No 17, 1958, 79740.

and broadening of the vessels of the TG were found. The absorption of I^{131} of TG decreased. With the administration to the rats of 0.25 mg a day of methylthiouracil (I), the weight of TG increased almost 4 times, while the absorption of I^{131} of TG decreased sharply; adenomatous hyperplasia and broadening of the vessels of the TG were found. With simultaneous introduction of I and of the thyrotropic hormone (TH, 40 units for 10 days to the end of the test), the weight of TG increased still more sharply than with the introduction of I alone; the absorption of I^{131} of TG increased somewhat. In the TG, a form of nodular goitre was found.

Card : 2/3

C.2

USSR/Human and Animal Physiology (Normal and Pathological).
Internal Secretion. Thyroid Gland. T

Abs Jour: Ref Zhur-Biol., No 17, 1958, 79740.

With the introduction of a single TH, a form of
colloidal goitre was observed; the absorption of
I¹³¹ of TG decreased.

Card : 3/3

BOZHKATOV, Ya.I., red.; BOYAR, O.G., red.; VLASOV, L.F., red.; LIFSHITS, M.O., red.; MASHKILLEYSON, L.N., red.; MILOVIDOV, B.M. [deceased], red.; MOLCHANOVA, O.P., red.; POL'SHANSKIY, V.S., red.; POPKOV, V.I., red.; REVIN, A.I., otv. red.; TIMOFEYEVA, Z.N., red.; LAZAREV, S.M., tekhn. red.; LEBEDEVA, L.A., tekhn. red.

[Concise encyclopedia of home economics] Kratkaya entsiklopediya domashnego khoziaistva. Izd. 2. Moskva, Gos. nauchn. izd-vo "Sovetskaya entsiklopediya." Vol. 1. A-M. 1962. 895 p. Vol. 2. N-IA. 1962. 903-1758 p. (MIRA 15:6)

(Home economics--Dictionaries)

1. BOGSHKO, G. V.
2. USSR (600)
4. Pit Vipers
7. A case of bite by a pit viper, Priroda 41 No. 10, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

BOSHKO, G.V.

Ukrainian conference of zoologists devoted to problems of "The fauna of
the Ukrainian S.S.R. and its transformation." Visnyk AN URSR 24 no.6:75-
76 Je '53. (MLRA 6:6)

(Ukraine--Zoology)

BOSHKO, G.V.

Horseflies (Diptera, Tabanidae) of Polesye and the Dnieper Valley
in the Ukrainian S.S.R. Ent.obos. 33:255-261 '53. (MLRA 7:5)

1. Institut zoologii Akademii nauk USSR, Kiev.
(Ukraine--Horseflies) (Horseflies--Ukraine)

BOSHKO, G.V.; YERMOLENKO, V.M.

**Behavior of certain animals during a solar eclipse. Priroda 44
no.8:118 Ag '55. (MIRA 8:10)**

**1. Institut zoologii Akademii nauk USSR (for Boshko). 2. Kiyevskiy
gosudarstvennyy universitet imeni T.G. Shevchenko (for Yermolenko)
(Eclipses, Solar) (Animals, Habits and behavior of)**

BOSHIKO, G.V.

MARKEVICH, Aleksandr Prokof'yevich; KAS'YANENKO, V.G., akademik
AN USSR, redaktor; PIDOPLICHKO, I.G., doktor biologicheskikh
nauk, redaktor; BILANOVSKIY, I.D., doktor biologicheskikh nauk,
redaktor; BOSHIKO, G.V., kandidat biologicheskikh nauk, redaktor;
SEMERNYA, I.M., redaktor izdatel'stva; ROZENTSVEYG, Ye.N.
tekhredaktor

[Parasitic copepoda of fishes of the U.S.S.R.] Paraziticheskie
veslonogie ryb SSSR. Kiev, Izd-vo Akad. nauk USSR, 1956.
258 p. (MLRA 10:4)

(Copepoda) (Parasites--Fishes)

BOSHKO, G.V.

Spread of rodent fleas by dogs. Zool.zhur. 35 no.1:74-76 Ja '56.
(MLBA 9:5)

1. Institut zoologii AN USSR.
(Parasites--Dogs) (Fleas as carriers of disease)

G

USSR

Abs Jour : Ref Zhur - Biologiya, No 22, 1958, No 99619

Author : Boshko, G.V.

Inst : Institute of Zoology, AS USSR

Title : Data on the Fauna of Tabanidae in the Western Districts of the Ukraine.

Orig Pub : Tr.In-tu zool.AN USSR,1957,14,49-56

Abstract : A survey of 32 species of Tabanidae found in the Zakarpatskaya, Stanislavskaya, Drogozbychskaya and L'vovskaya Oblasts. In the composition of the fauna of USSR Tabanus (Tylostupia) auripilus Mg was noted for the first time; Silvius vitripennis Mg. and T.(Ochrops-znoikoi N Ols.) proved to be new to the European part of USSR; T.(T) borealis Lw. were first discovered in the Ukraine. Morphological particularities of the local populations of these species were noted. A brief zoogeographical

Card 1/2

USSR

G

Abs Jour : Ref Zhur - Biologiya, No 22, 1958, No 99619

analysis of the fauna grouping of Tabanidae is cited,
as well as data on the vertical distribution and some bio-
logical particularities of the mountain species.
--V.V.Shevchenko.

Card 2/2

27

BOSHKO, G. V.

USSR / General Division, Congresses, Conventions,
Conferences

A-4

Abs Jour: Ref Zhur-Biologiya, No 5, 1958, 18892

Author : Kasiyanenko V. G., Boshko G. V.

Inst : -

Title : The Second Republican Conference of the Parasitologists
of the UkrSSR

Orig Pub: Zool. Zh., 1957, 36, No 6, 958-959

Abstract: At the conference which took place on 17-22 December 1956, 135 reports were heard both at the plenary and section meetings (the sections of general parasitology, medical, veterinary phytonematodology of harmful rodents in connection with the problems of epidemiology and epizootology). The tasks of the conference were the summation of the development of parasitology during the previous ten years, the discussion of the plan of

Card 1/2

USSR / General Division, Congresses, Conventions,
Conferences

A-4

Abs Jour: Ref Zhur-Biolcilia, No 5, 1958, 18892

Abstract: parasitological research for the coming year in the
light of the decision of the XXth Congress of the CPSU,
and the rendering of assistance to the workers of
medical and veterinarial establishments.

Card 2/2

BOSHKO, G.V. [Boshko, H.V.]

A species of horsefly (Dipt., Tabanidae), new to the fauna of
the U.S.S.R. [with summary in English]. Dop. AN URSR no.3:351-352
'58. (MIRA 11:5)

1. Institut zoologii AN URSR. Predstavleno akademikom AN USSR
A.P. Markevichem. (Horseflies)

BOSHKO, G.V.

Predicting the Ebanidae population of the lower Dnieper Valley with relation to the formation of the Kakhovska Reservoir. Med. paraz. 1 paraz. bol. 27 no.4:499-500 J1-Ag '58. (MIRA 12:2)

1. Iz otdela parazitologii Instituta zoologii AN USSR.

(FLIES.

Tabanus, distribution in Russia & relation to water reservoir construction (Rus))

BOSHKO, G.V. [Boshko, H.V.]; MONCHENKO, V.I.

Invertebrates of the northwestern Pacific. Dop. AN URSS
no. 12:1648-1651 '60. (MIRA 14:1)

1. Institut zoologii AN USSR.
(Pacific Ocean—Invertebrates)

PUCHKOV, V.G.[Puchkov, V.H.]; MARKEVICH, O.P.[Markevych, O.P.],
akademik, red. toma; KAS'YANENKO, V.G.[Kas'ianenko, V.H.],
akademik, glav. red.; PIDOPLICHKO, I.G.[Pidoplichko, I.H.],
doktor biol. nauk, red.; BOSHKO, G.V.[Boshko, H.V.], kand.
biol. nauk, red.; PANASENKO, M.D., red. izd-va; RAKHLINA,
N.P., tekhn. red.

[Fauna of the Ukraine; in forty volumes]Fauna Ukrainy; v soroka
tomakh. Red.V.H.Kas'ianenko ta inshi. Kyiv, Vyd-vo Akad. nauk
URSR. Vol.21 [Coreoidea] Kraiovyky. No.2. Puchkov, V.H. 1962.
161 p. (MIRA 15:7)

1. Akademiya nauk USSR (for Kas'yanenko, Markevich).
(Ukraine—Coreoidea) (Ukraine--Leeches)

LUKIN, Ye.I.; KASYANENKO, V.G.[Kas'ianenko, V.H.], akademik, glav. red.;
MARKEVICH, O.P.[Markevych, O.P.], akademik, red.; PIDOPlichKO, I.G.
[Pidoplichko, I.H.], red.; VOINSTVENSKIY, M.A.[Voinstvens'kyi, M.A.]
doktor biol. nauk, red.; BOSHKO, G.V.[Boshko, H.V.], kand. biol.nauk,
red.; PANASENKO, M.D., red. izd-va; ROZENTSVEYG, Ye.N., tekhn. red.

[Fauna of the Ukraine; in forty volumes] Fauna Ukrainy; v soroka
tomakh. Red. kol. V.H.Kas'ianenko ta inshi. Kyiv, Vyd-vo Akad.nauk
URSR. Vol.30 [Leeches; external and internal structure, ecology,
taxonomy, distribution and practical significance of leeches]
P'iavky; zovnishnia i vnutrishnia budova, ekologiya, systematyka,
poshyrennia ta praktychne znachennia p'iavok. 1962. 195 p.
(MIRA 15:7)

1. Akademiya nauk USSR (for Kas'yanenko, Markevich). 2. Chlen-
korrespondent Akademii nauk USSR (for Pidoplichko). 3. Kafedra zo-
ologii Kharkovskogo zooveterinarnogo instituta (for Lukin).
(Ukraine—Coreoidea) (Ukraine—Leeches)

BOSHKO, G.V. [Boshko, H.V.]

Description of previously unknown males of *Tabanus tauricus* N. Ols.,
1952 (Diptera, Tabanidae). Dop. AN URSS no.9:1251-1252 '62.
(MIRA 18:4)

1. Institut zoologii AN UkrSSR.

BOSHKO, G.V.

Materials on the fauna and distribution of horseflies (Diptera,
Tabanidae) in the Crimea. Trudy Ukr. resp. nauch. ob-za paraz.
no. 2: 182-194 '63 (MIRA 17:3)

1. Institut zoologii AN UkrSSR.

BOSHKO, G.V.; YEMCHUK, Ye.M.

Twentieth anniversary of the Parasitology Department of the
Institute of Zoology of the Academy of Sciences of the
Ukrainian S.S.R. Trudy Ukr. resp. nauch. ob-va paraz. no.2:
206-213 *63 (MIRA 17:3)

MAZURMOVICH, B.N., otv. red.; BOSHKO, G.V., red.; GUSHCHA, G.I.,
red.; SMORGORZHEVSKAYA, L.A., red.; FEDORENKO, I.A.,
red.; ANDRIYCHUK, M.D., red.; KAS'YAN, S.N., red.

[Parasites and parasitoses in man and animals] Parazity
i parazitozy cheloveka i zhiivotnykh. Kiev, Naukova dumka,
1965. 411 p. (MIRA 18:9)

1. Akademiya nauk URSR, Kiev. 2. Kiyevskiy gosudarstvennyy
universitet (for Mazurmovich). 3. Institut zoologii AN Ukr.SSR
(for Boshko).

BOSHKO, G.V.

Fauna and ecology of horseflies (Tabanidae) in the right-bank
steppe of the Ukrainian S.S.R. Trudy Ukr. resp. nauch. ob-va
paraz. no. 3:233-255 '64 (MIRA 19:1)

1. Institut zoologii AN UkrSSR.

BOSHKO, V. I

Transportnaia problema Dnepros troia. (Transportation problems of Sneprostroi).
(Sots. transport, 1931, no. 6, p. 63-74).

DLC: HE7.S6

SO: Soviet Transportation and Communications. A Bibliography, Library of Congress,
Reference Department, Washington, 1952, Unclassified.

BOSHKO, V. I.

Problema edinoi transportnoi seti v sisteme Bol'shogo Dnepra. [The problem of a united transportation network in the system of Greater Dnieper]. (Sots. transport, 1934, no. 7, p. 40-55).

DLC: HE7.S6

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.